

Alcohol-Related Crashes

Alcohol-related crashes are more apt to occur—and **more likely to be reported**—in fatal crashes than in nonfatal crashes. In Iowa drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01 percent or higher. Therefore, a driver or pedestrian with a BAC between .000 percent and .009 percent is counted as *not drinking*; a driver or pedestrian with a BAC between .01 percent and .09 percent is counted as *drinking, not impaired*; and a driver or pedestrian with a BAC .1 percent and higher is counted as *drinking, impaired*.

Alcohol-Related Fatalities, Injuries & Crashes

Type	Fatalities	Injuries	Crashes			
			Fatal	Injury	Property	Total
Number						
Alcohol	132	2,445	115	1,543	1,103	2,761
Non-Alcohol	358	34,475	313	22,389	39,022	61,724
Total	490	36,920	428	23,932	40,125	64,485
Percent						
Alcohol	26.94%	6.62%	26.87%	6.45%	2.75%	4.28%
Non-Alcohol	73.06%	93.38%	73.13%	93.55%	97.25%	95.72%

Fatalities/Injuries by Age Group

Age Group	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	3	2.27%	117	4.79%
15	3	2.27%	50	2.04%
16	5	3.79%	71	2.90%
17	1	0.76%	101	4.13%
18	5	3.79%	129	5.28%
19	8	6.06%	134	5.48%
20	4	3.03%	128	5.24%
Total*	29	21.97%	730	29.86%
All Ages				
14 & Under	3	2.27%	117	4.79%
15 to 24	41	31.06%	1,002	40.98%
25 to 34	34	25.76%	501	20.49%
35 to 44	26	19.70%	395	16.16%
45 to 54	18	13.64%	198	8.10%
55 to 64	3	2.27%	72	2.94%
65 to 74	3	2.27%	47	1.92%
75 & Over	3	2.27%	34	1.39%
Unknown	1	0.76%	79	3.23%
Total	132	100.00%	2,445	100.00%

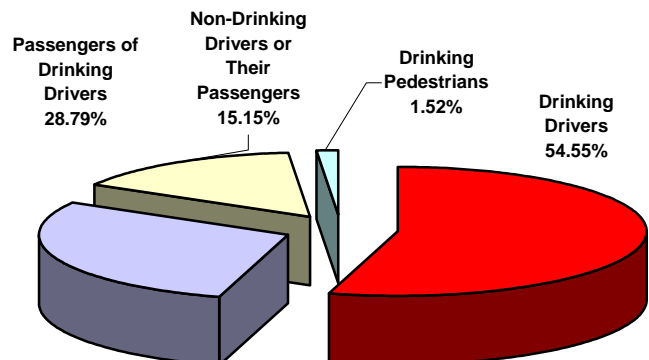
Under age 21 percentages are based on total for all ages.

Fatalities & Severity of Injuries

Severity	Number	Percent
Fatal	132	5.12%
Major (Incapacitating)	466	18.08%
Minor (Bruises & Abrasions)	1,212	47.03%
Possible (Complaint of Pain)	767	29.76%
Unknown	0	0.00%
Total Killed & Injured	2,577	100.00%

Who Was Killed

Who Was Killed	Fatalities	
	Number	Percent
Drinking Drivers	72	54.55%
Passengers of Drinking Drivers	38	28.79%
Non-Drinking Drivers or Their Passengers	20	15.15%
Drinking Pedestrians	2	1.52%
Total	132	100.00%



Fatalities/Injuries by Gender

Gender	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	38	28.79%	825	33.74%
Male	94	71.21%	1,620	66.26%
Unknown	0	0.00%	0	0.00%
Total	132	100.00%	2,445	100.00%

Alcohol-Related Crashes

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Driver	114	99.13%	1,492	96.69%
Pedestrian	1	0.87%	40	2.59%
Driver & Pedestrian	0	0.00%	11	0.71%
Total	115	100.00%	1,543	100.00%

BAC of Drinking Drivers

BAC (Blood Alcohol Content)	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
.019 & Lower	9	7.76%	58	3.82%
.020 to .039	9	7.76%	31	2.04%
.050 to .079	10	8.62%	81	5.34%
.080 to .099	6	5.17%	62	4.09%
.100 & Higher	78	67.24%	536	35.33%
Unknown	4	3.45%	749	49.37%
Total	116	100.00%	1,517	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Age of Drinking Drivers

Age Group	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	2	0.13%
15	0	0.00%	7	0.46%
16	3	2.59%	25	1.65%
17	6	5.17%	36	2.37%
18	4	3.45%	74	4.88%
19	5	4.31%	78	5.14%
20	4	3.45%	68	4.48%
Total*	22	18.97%	290	19.12%
All Ages				
14 & Under	0	0.00%	2	0.13%
15 to 24	38	32.76%	556	36.65%
25 to 34	30	25.86%	363	23.93%
35 to 44	27	23.28%	346	22.81%
45 to 54	15	12.93%	163	10.74%
55 to 64	3	2.59%	45	2.97%
65 to 74	1	0.86%	27	1.78%
75 & Over	1	0.86%	6	0.40%
Unknown	1	0.86%	9	0.59%
Total	116	100.00%	1,517	100.00%

Under age 21 percentages are based on total for all ages.

Gender of Drinking Drivers

Gender	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	17	14.66%	298	19.64%
Male	98	84.48%	1,214	80.03%
Unknown	1	0.86%	5	0.33%
Total	116	100.00%	1,517	100.00%

Physical Condition of All Drivers

Physical Condition	All Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	40	24.24%	609	28.18%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	1	0.05%
Apparently Asleep	0	0.00%	1	0.05%
Infirmities of Age	0	0.00%	3	0.14%
Drinking - Not Impaired	35	21.21%	428	19.81%
Drinking - Impaired	81	49.09%	1,089	50.39%
Drugs	0	0.00%	1	0.05%
Other	0	0.00%	1	0.05%
Unknown	9	5.45%	28	1.30%
Total	165	100.00%	2,161	100.00%

Drinking Driver's Related Contributing Circumstance

Drinking Driver's Related Contributing Circumstances	Circumstances			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	69	22.04%	911	25.28%
Ran Traffic Signal	5	1.60%	64	1.78%
Ran Stop Sign	12	3.83%	103	2.86%
Passed Stopped School Bus	0	0.00%	1	0.03%
Improper Passing	1	0.32%	27	0.75%
Left of Center, Not Passing	14	4.47%	68	1.89%
FTYROW at Intersection	0	0.00%	17	0.47%
FTYROW From Stop Sign	4	1.28%	54	1.50%
FTYROW From Yield Sign	0	0.00%	7	0.19%
FTYROW Making Left Turn	1	0.32%	54	1.50%
FTYROW From Driveway	0	0.00%	10	0.28%
FTYROW From Parked Position	0	0.00%	1	0.03%
FTYROW to Pedestrian	1	0.32%	5	0.14%
FTYROW Other	2	0.64%	18	0.50%
Wrong Way/One-Way	2	0.64%	5	0.14%
Too Fast for Conditions	13	4.15%	185	5.13%
Exceeding Speed Limit	27	8.63%	138	3.83%
Drag Racing	0	0.00%	4	0.11%
Improper Turn	0	0.00%	13	0.36%
Improper Lane Change	0	0.00%	20	0.56%
Following Too Close	0	0.00%	49	1.36%
No/Improper Signal	0	0.00%	2	0.06%
Disregarded Railroad Signal	0	0.00%	6	0.17%
Disregarded Warning Signal	2	0.64%	2	0.06%
Reckless Driving	9	2.88%	103	2.86%
Improper Backing	0	0.00%	15	0.42%
Illegal/Improper Parking	0	0.00%	3	0.08%
Failure to Control Vehicle	98	31.31%	1,101	30.56%
Headlights Not On	1	0.32%	9	0.25%
Inattentive/Distracted	10	3.19%	125	3.47%
Confused	0	0.00%	22	0.61%
Vision Obscured	3	0.96%	15	0.42%
Oversized/Loaded Vehicle	0	0.00%	15	0.42%
Inexperienced Driver	7	2.24%	32	0.89%
Other	13	4.15%	234	6.49%
Unknown	19	6.07%	165	4.58%
Total	313	100.00%	3,603	100.00%

Up to two circumstances may be listed for each drinking driver involved in a crash. FTYROW—Failed to yield right-of-way.

Alcohol-Related Crashes

Drinking Driver's Vehicle Action

Drinking Driver's Vehicle Action	Drinking Driver			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	101	87.07%	1,199	79.04%
Turning Left	1	0.86%	96	6.33%
Turning Right	1	0.86%	56	3.69%
Making U-Turn	0	0.00%	5	0.33%
Passing	0	0.00%	29	1.91%
Changing Lanes	0	0.00%	17	1.12%
Merging	1	0.86%	10	0.66%
Slowing/Stopping	1	0.86%	14	0.92%
Backing	0	0.00%	16	1.05%
Stopped for Sign/Signal	2	1.72%	8	0.53%
Stopped in Traffic	0	0.00%	3	0.20%
Properly Parked	0	0.00%	2	0.13%
Other	8	6.90%	58	3.82%
Unknown	1	0.86%	4	0.26%
Total	116	100.00%	1,517	100.00%

Type of Crash

Type of Crash	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Overtaken	15	13.04%	153	9.92%
Jackknifed	0	0.00%	1	0.06%
Fire/Explosion	1	0.87%	0	0.00%
Immersion	0	0.00%	6	0.39%
Pedestrian	2	1.74%	71	4.60%
Other Vehicle	38	33.04%	543	35.19%
Motorcycle	0	0.00%	4	0.26%
Parked Vehicle	5	4.35%	90	5.83%
Train	1	0.87%	7	0.45%
Pedacycle	2	1.74%	10	0.65%
Animal	1	0.87%	9	0.58%
Fixed Object	44	38.26%	515	33.38%
Other Object	1	0.87%	27	1.75%
Other/Unknown	5	4.35%	107	6.93%
Total	115	100.00%	1,543	100.00%

Drinking Driver's Traffic Controls

Drinking Driver's Traffic Control	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Controls	81	69.83%	1,068	70.40%
Signals	3	2.59%	181	11.93%
Stop Signs	14	12.07%	139	9.16%
Yield Signs	1	0.86%	10	0.66%
Warning Sign	7	6.03%	57	3.76%
School Signals	0	0.00%	1	0.07%
No Passing Zones	5	4.31%	18	1.19%
Railroad Warning Signs	1	0.86%	11	0.73%
Railroad Signals	0	0.00%	1	0.07%
Railroad Crossing Gates	0	0.00%	1	0.07%
Peace Officer	0	0.00%	3	0.20%
Non-Functioning Signals	0	0.00%	1	0.07%
Other	3	2.59%	11	0.73%
Unknown	1	0.86%	15	0.99%
Total	116	100.00%	1,517	100.00%

Light Conditions

Light Conditions	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Daylight	25	21.74%	411	26.64%
Dusk	2	1.74%	58	3.76%
Dawn	0	0.00%	5	0.32%
Darkness, Lighted	15	13.04%	519	33.64%
Darkness, Not Lighted	73	63.48%	550	35.64%
Total	115	100.00%	1,543	100.00%

Road System in Crashes

Road System	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Interstate or Freeway	7	6.09%	100	6.48%
U.S. or State Highway	49	42.61%	421	27.28%
County Road	41	35.65%	450	29.16%
City Street	18	15.65%	562	36.42%
Other	0	0.00%	10	0.65%
Total	115	100.00%	1,543	100.00%

Drinking Driver's Road Surface Condition

Drinking Driver's Road Surface Conditions	Surface Conditions			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Dry	218	80.15%	2,227	69.08%
Wet	19	6.99%	379	11.76%
Ice	9	3.31%	127	3.94%
Snow	6	2.21%	135	4.19%
Loose Gravel	10	3.68%	183	5.68%
Mud	0	0.00%	2	0.06%
Debris	0	0.00%	11	0.34%
Other	0	0.00%	23	0.71%
Unknown	10	3.68%	137	4.25%
Total	272	100.00%	3,224	100.00%

Roadway Geometry

Roadway Geometry	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Straight, Level	37	32.17%	619	40.12%
Straight, Hill	24	20.87%	162	10.50%
Straight, Hillcrest	2	1.74%	14	0.91%
Curve, Level	21	18.26%	134	8.68%
Curve, Hill	10	8.70%	94	6.09%
Curve, Hillcrest	0	0.00%	2	0.13%
Intersection, Level	17	14.78%	453	29.36%
Intersection, Hill	3	2.61%	58	3.76%
Intersection, Hillcrest	1	0.87%	1	0.06%
Other	0	0.00%	6	0.39%
Total	115	100.00%	1,543	100.00%

Up to two surface conditions may be listed for each drinking driver.

Alcohol-Related Crashes

Alcohol-Related Fatalities & Injuries by County

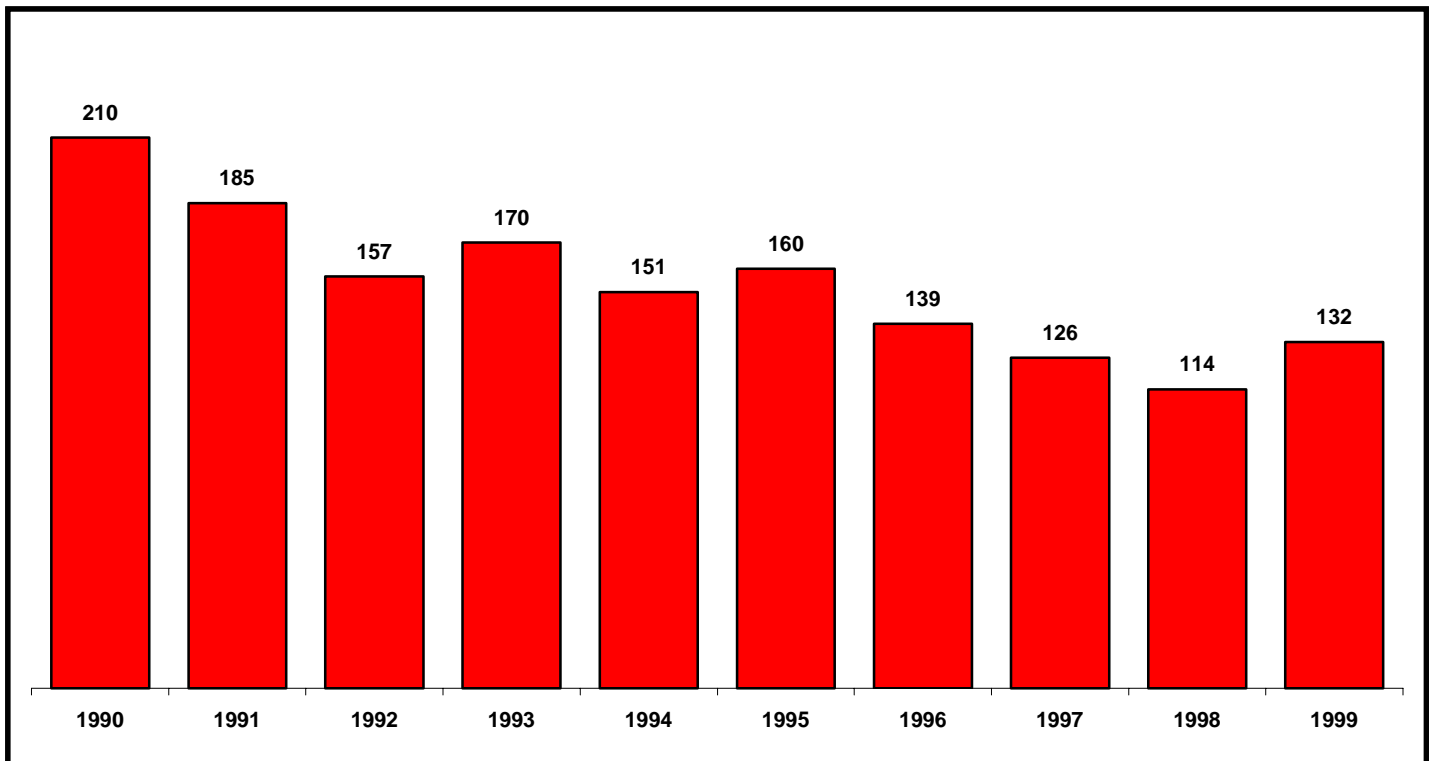
132 Fatalities -- 2,445 Injuries

Lyon	0 - 3	Osceola	1 - 7	Dickinson	0 - 19	Emmet	0 - 5	Kossuth	2 - 9	Winneshiek	0 - 9	Worth	0 - 10	Mitchell	2 - 9	Howard	1 - 5	Winnebago	0 - 9	Winneshiek	2 - 37	Allamakee	1 - 27
Sioux	0 - 24	O'Brien	0 - 8	Clay	0 - 15	Palo Alto	0 - 7	Hancock	0 - 8	Cerro Gordo	2 - 51	Floyd	0 - 13	Chickasaw	1 - 7	Bremner	1 - 18	Black Hawk	5 - 115	Buchanan	2 - 19	Delaware	2 - 92
Plymouth	0 - 24	Cherokee	1 - 12	Buena Vista	0 - 13	Pocahontas	2 - 5	Humboldt	0 - 6	Webster	2 - 22	Calhoun	0 - 9	Sac	1 - 4	Ida	1 - 1	Crawford	1 - 8	Monona	0 - 7	Harrison	0 - 13
Woodbury	1 - 96	Woodbury	1 - 1	Sac	1 - 4	Calhoun	0 - 9	Greene	1 - 5	Boone	2 - 12	Story	4 - 45	Marshall	1 - 40	Tama	2 - 10	Benton	1 - 17	Linn	0 - 129	Jones	4 - 12
Monona	0 - 7	Shelby	0 - 0	Audubon	1 - 6	Guthrie	0 - 4	Dallas	2 - 20	Polk	7 - 384	Jasper	0 - 13	Poweshiek	2 - 23	Iowa	2 - 15	Johnson	8 - 69	Cedar	2 - 13	Clinton	1 - 45
Harrison	0 - 13	Pottawattamie	4 - 86	Cass	0 - 16	Adair	0 - 6	Madison	1 - 10	Warren	0 - 22	Marion	1 - 17	Mahaska	0 - 19	Keokuk	3 - 11	Washington	0 - 7	Muscatine	6 - 37	Scott	5 - 190
Mills	0 - 14	Montgomery	1 - 15	Adams	0 - 2	Union	1 - 11	Clarke	0 - 3	Lucas	1 - 5	Monroe	0 - 7	Wapello	3 - 31	Jefferson	0 - 7	Henry	3 - 17	Des Moines	1 - 26	Louisa	0 - 11
Fremont	0 - 10	Page	1 - 5	Taylor	0 - 3	Ringgold	0 - 6	Decatur	0 - 7	Wayne	0 - 1	Appanoose	1 - 33	Davis	0 - 4	Van Buren	1 - 1	Lee	4 - 32				

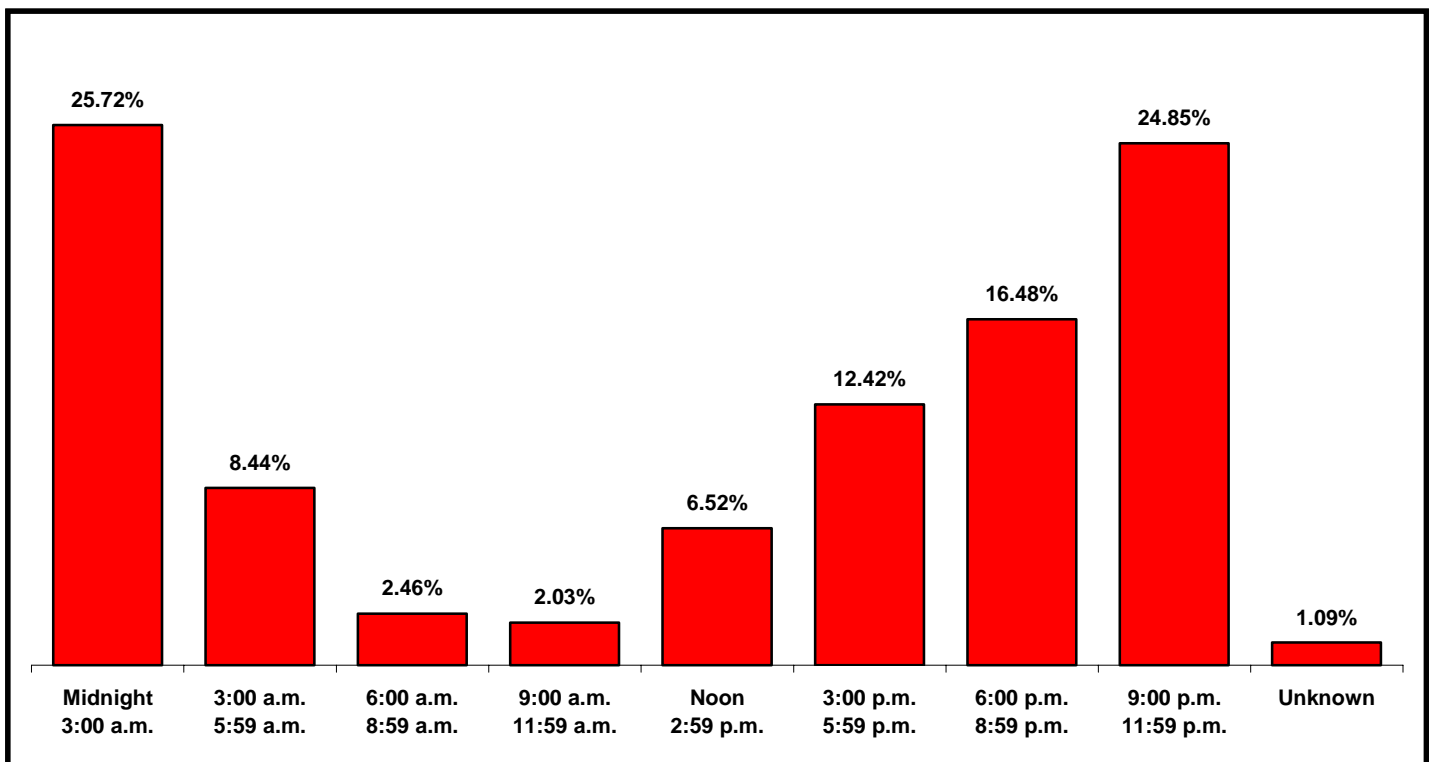
Fatalities - Injuries

Alcohol-Related Crashes

Alcohol-Related Fatalities over a 10-Year Period

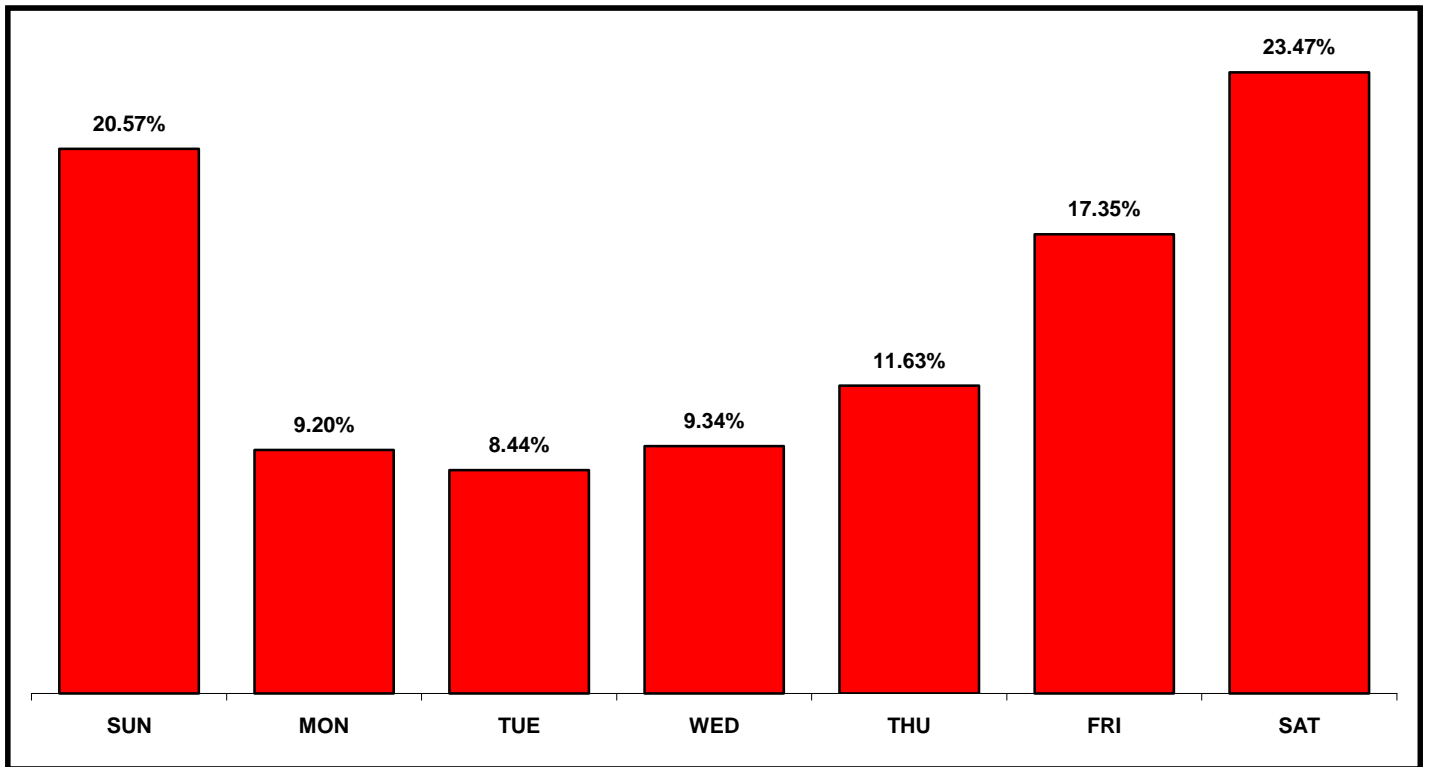


Alcohol-Related Crashes by Time of Day



Alcohol-Related Crashes

Alcohol-Related Crashes by Day of Week



Alcohol-Related Crashes by Month

